



COMMONWEALTH OF VIRGINIA
Department of Mines, Minerals and Energy
Division of Mined Land Reclamation

Pawpaw Creek TDS Wasteload Report 2017-Q1

04-01-2016 to 03-31-2017

Watershed Information

Stressor:	TDS	Watershed Acres:	8,377
Wasteload Allocation:	152,000	Watershed Permits:	5
EPA TMDL Approval Date:	3/27/2007	Watershed Outfalls:	45

Watershed Wasteload and Reduction Summary¹

	Pre-TMDL Wasteloads ²	Post-TMDL Wasteloads ³	Total
Wasteload Allocation Available ⁴	152,000	0	152,000
Wasteload ⁵	294,186	27,627	321,813
Wasteload Balance	-142,186	-27,627	-169,813
Wasteload Reduction Required ⁶	142,186	27,627	169,813
Percent Reduction Required ⁷	48.3 %	100.0 %	52.8 %

¹ Wasteload units are in kg/year unless otherwise noted.

² Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.

³ Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.

⁴ The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.

⁵ Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.

⁶ In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.

⁷ The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

Permit Wasteload and Reduction Summary⁸

Permit Number	Pre-TMDL Wasteload ⁹	Pre-TMDL Reduction Required ¹⁰	Post-TMDL Wasteload ¹¹	Post-TMDL Reduction Required ¹²	Total Wasteload	Total Wasteload Reduction Required
1201404	2,784	1,345	0	0	2,784	1,345
1201724	284,846	137,672	0	0	284,846	137,672
1101762	6,557	3,169	26,284	26,284	32,842	29,454
1102061	0	0	0	0	0	0
1202060	0	0	1,342	1,342	1,342	1,342
Total	294,186	142,186	27,627	27,627	321,813	169,813

⁸ Wasteload units are in kg/year unless otherwise noted.

⁹ The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.

¹⁰ Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.

¹¹ The wasteload

¹² Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.